

M 5.4, 27 km SSE of Obock, Djibouti

Origin Time: 2024-01-25 17:00:43 UTC (Thu 20:00:43 local)
Location: 11.7346° N 43.3724° E Depth: 10.0 km

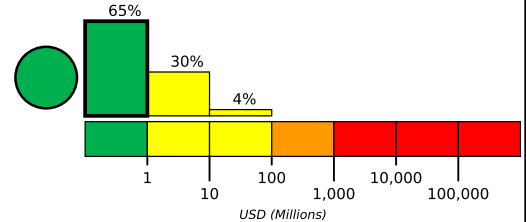
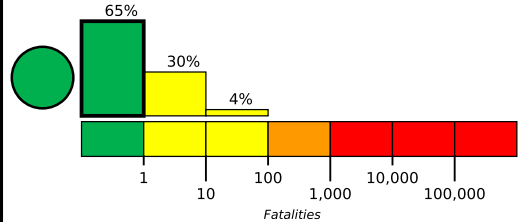
**PAGER
Version 6**

Created: 1 week, 1 day after earthquake

Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

Estimated Economic Losses

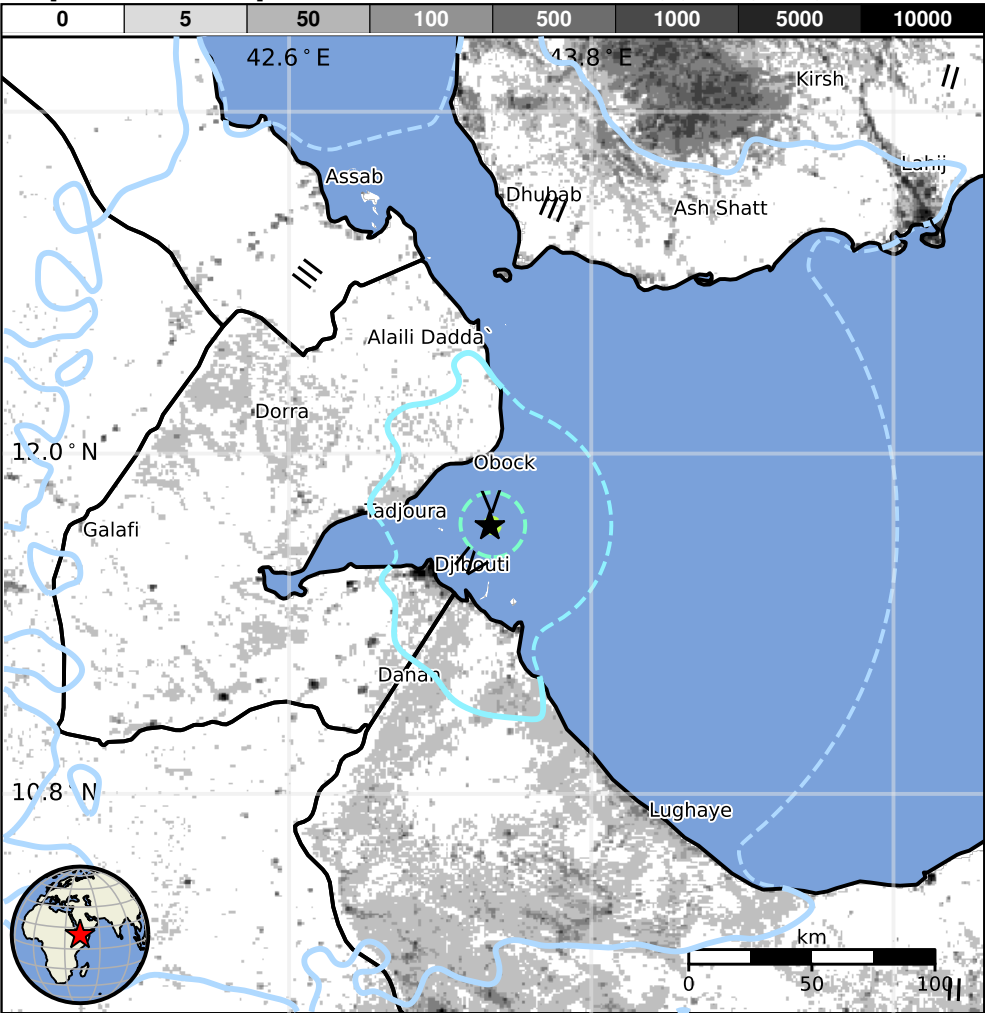


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	4,619k	668k	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are extremely vulnerable to earthquake shaking, though some resistant structures exist. The predominant vulnerable building type is low-rise non-ductile concrete frame with infill construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1991-11-22	250	4.7	VI(40k)	11
1989-08-20	153	6.5	VIII(2k)	2
1982-12-13	340	6.2	VIII(4k)	3k

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
IV	Obock	18k
IV	Djibouti	624k
IV	Loyada	2k
IV	Goubetto	2k
III	Tadjoura	22k
III	Holhol	4k
III	'Ali Sabieh	40k
III	Dikhil	12k
III	Assab	21k
II	Lahij	23k
II	Aden	551k

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.
<https://earthquake.usgs.gov/earthquakes/eventpage/us7000lts5pager>

bold cities appear on map.

(k = x1000)

Event ID: us7000lts5